

Exhibit 1

FRANKLIN M. FISHER

Jane Berkowitz Carlton and Dennis William Carlton Professor
of Microeconomics, Emeritus, Massachusetts Institute of
Technology

Ph.D. Economics
Harvard University

M.A. Economics
Harvard University

A.B. Economics
Harvard University
(summa cum laude)

Ph.D. Dissertation
*A Priori Information and
Time Series Analysis*

FELLOWSHIPS, SCHOLARSHIPS, AND PROFESSIONAL HONORS

- Detur Prize, 1953
- Social Science Research Council Undergraduate Research Stipend, 1953
- John Harvard Scholarship, 1953–1954, 1954–1955
- Phi Beta Kappa, 1955
- Harvard College Scholarship, 1955–1956
- Rodgers Fellowship, 1956–1957
- Austin Fellowship, 1956–1957
- Junior Fellow of the Society of Fellows, Harvard University, 1957–1959
- Fellow of the Econometric Society, 1963–Present
- Irving Fisher Lecturer at Econometric Society Meetings, Amsterdam, September 1968
- Operations Research Society of America Prize for best paper dealing with a military subject published in *Operations Research*, 1967
- Fellow of American Academy of Arts and Sciences, 1969–Present
- Council Member of the Econometric Society, 1972–1976
- John Bates Clark Award, American Economic Association, 1973
- F. W. Paish Lecturer, Association of University Teachers of Economics, Sheffield, England, April 1975
- Vice President of the Econometric Society, 1977–1978
- David Kinley Lecturer, University of Illinois, 1978
- President of the Econometric Society, 1979
- Fellowship, John Simon Guggenheim Foundation, 1981–1982
- Erskine Fellow, University of Canterbury, summer 1983

- National Academy of Sciences, Distinguished Scholar Exchange Program: Visitor to Huazhong University of Science and Technology, The People's Republic of China, 1984
- Invited Lecturer, Australasian Meetings of the Econometric Society, 1987
- Taft Lecturer, University of Cincinnati, 1993
- Eleventh Annual Joseph L. Lucia Public–Policy Lecture, Villanova University, 1999
- Fourth Annual Gideon Fishelson Memorial Lecture, Tel Aviv University, 2000
- Ida Cordelia Beam, Distinguished Visiting Professorships Program, University of Iowa, 2001
- Ph.D. *Honoris Causa*, Hebrew University of Jerusalem, 2001

POSITIONS

- *Teaching Fellow*, Harvard University, 1956–1957
- *Junior Fellow of the Society of Fellows*, Harvard University, 1957–1959
- *Assistant Professor of Economics*, University of Chicago, 1959–1960
- *Assistant Professor of Economics*, Massachusetts Institute of Technology, 1960–1962
- *Associate Professor of Economics*, Massachusetts Institute of Technology, 1962–1965
- *Professor of Economics*, Massachusetts Institute of Technology, 1965–2004
- *Jane Berkowitz Carlton and Dennis William Carlton Professor of Microeconomics*, Massachusetts Institute of Technology, 2000–2004; *Emeritus*, 2004–Present
- *National Science Foundation Postdoctoral Fellow*, Econometric Institute, Netherlands School of Economics, 1962–1963
- *Ford Foundation Faculty Research Fellow in Economics*, London School of Economics and Hebrew University, 1966–1967
- *Visiting Professor of Economics*, Hebrew University, 1967, 1973, 1985
- *Visiting Professor of Economics*, Tel Aviv University, 1973, 1977–1981
- *Member*, National Academy of Sciences Panel on the Effects of Deterrence and Incapacitation, 1975–1978
- *Visiting Professor*, Harvard University, Economics Department, 1981–1982
- *Member*, National Research Council, Panel of Sentencing Research, 1981–1982
- *Research Associate*, National Bureau of Economic Research, April 1980–1989
- *Director*, National Bureau of Economic Research, 1989–Present
- *Steering Committee*, Institute for Social and Economic Policy in the Middle East, John F. Kennedy School, Harvard University, 1990–1998
- *Chair*, Middle East Water Project, 1992–Present

- *Member of the Board*, The Academic College of Tel-Aviv-Yaffo, Tel Aviv, Israel, 2000–2003
- *Consultant and Director*, CRA International, Inc. (formerly Charles River Associates, Inc.), 1967–Present
- *Consultant*, various law firms, 1964–Present

PROFESSIONAL SOCIETIES

- American Economic Association
- Econometric Society: Program Chair, Winter Meetings, 1964; Council, 1972–1976; Vice President, 1977–1978; President, 1979

EDITORSHIPS

- Associate Editor, *Journal of the American Statistical Association*, 1965–1968
- American Editor, *Review of Economic Studies*, 1965–1968
- Editor, *Econometrica*, 1968–1977
- Editorial Advisory Committee of the book series, *Issues in Water Resource Policy*

PUBLIC SERVICE AND CHARITABLE POSITIONS

- *Chairman*, Faculty Advisory Cabinet, United Jewish Appeal, 1975–1977
- *Board of Trustees*, Combined Jewish Philanthropies, 1975–Present (Board of Managers, 1978–1992; Campaign Chair, Harvard and MIT, 1975; Academic Team, 1976–1977; Co-Chair, Lexington, 1975; Associate Chair, Metropolitan Division, 1979–1980)
- *Board of Trustees*, Temple Isaiah, Lexington, 1971–1974; 1976–1979
- *Member*, Board of Governors, Tel Aviv University, 1976–1992; American Friends of Tel Aviv University, 1976–1985; Honorary Board, American Friends of Tel Aviv University, 1985–Present
- *Commissioner*, B'nai B'rith Hillel Foundations, 1977
- *Board of Trustees*, Beth Israel Hospital, Boston, 1979–1992
- *Vice President*, Hillel Council of Greater Boston, 1981–1986
- *Board Member*, MIT Hillel, 1980–1985
- *Board Member*, New Israel Fund, 1984–Present
- *Treasurer*, New Israel Fund, 1984–1996, 2003–2005
- *Board Member*, Boston Friends of Peace Now, 1983–1992
- *President*, Boston Friends of Peace Now, 1985–1987
- *Chair*, American Friends of Peace Now, 1985–1989, 2005–Present
- *Treasurer*, Americans for Peace Now, 1989–1991

- *President*, American Jewish Congress, New England Region, 1993–1995
- *President*, New Israel Fund, 1996–1999
- *Board Member*, The Academic College of Tel–Aviv–Yaffo, Tel Aviv, Israel, 2000–Present
- *Member*, Advisory Committee, Jewish Alliance for Law and Social Action, Boston Branch, 2003–Present

PUBLICATIONS

Books

A Priori Information and Time Series Analysis: Essays in Economic Theory and Measurement. Amsterdam: North–Holland Publishing Co., 1962.

A Study in Econometrics: The Demand for Electricity in the United States. With C. Kaysen. Amsterdam: North–Holland Publishing Co., 1962.

Essays on the Structure of Social Science Models. With A. Ando and H. Simon. Cambridge, MA: MIT Press, 1963.

Supply and Costs in the United States Petroleum Industry: Two Econometric Studies. Baltimore: Johns Hopkins Press, 1964.

The Identification Problem in Econometrics. New York: McGraw–Hill Book Co., 1966; Huntington: Robert Krieger Publishing Co., 1976.

The Economic Theory of Price Indices. With K. Shell. New York: Academic Press, 1972.

Folded, Spindled, and Mutilated: Economic Analysis and U.S. v. IBM. With J. McGowan and J. Greenwood. Cambridge, MA: MIT Press, 1983.

IBM and the U.S. Computer Industry: An Economic History. With J. McKie and R. Mancke. New York: Praeger, 1983.

Disequilibrium Foundations of Equilibrium Economics. New York: Cambridge University Press, 1983.

Antitrust and Regulation: Essays in Memory of John J. McGowan. Editor. Cambridge, MA: MIT Press, 1985.

Der Anti–Trust–Fall U.S. gegen IBM (German edition of *Folded, Spindled, and Mutilated*). Translated by C. von Weizsacker. Tübingen: J.C.B. Mohr, 1985.

Wei Guan Jing Ji Xue (Lectures on Microeconomics). Wu Han University Press, 1988.

Industrial Organization, Economics, and the Law (collected works, Volume I). J. Monz, ed., Hemel-Hempstead: Harvester-Wheatsheaf, 1990; and Cambridge, MA: MIT Press, 1991.

Econometrics: Essays in Theory and Applications, (collected works, Volume II). J. Monz, ed., Hemel-Hempstead: Harvester-Wheatsheaf, 1991; and Cambridge, MA: MIT Press, 1992.

Aggregation: Aggregate Production Functions and Related Topics (collected works, Volume III). J. Monz, ed., Hemel-Hempstead: Harvester-Wheatsheaf, 1992; and Cambridge, MA: MIT Press, 1993.

The Economic Analysis of Production Price Indexes. With K. Shell. Cambridge University Press, 1997.

Microeconomics: Essays in Theory and Application. Cambridge University Press, 1999.

Did Microsoft Harm Consumers? Two Opposing Views. With D. Evans, D. Rubinfeld, and R. Schmalensee. AEI-Brookings Joint Center for Regulatory Studies, AEI Press, Washington, D.C., 2000.

Liquid Assets: An Economic Approach for Water Management and Conflict Resolution in the Middle East and Beyond. With A. Huber-Lee, I. Amir, S. Arlosoroff, Z. Eckstein, M. Haddadin, S. Hamati, A. Jarrar, A. Jayyousi, U. Shamir, H. Wesseling, A. Salman, and E. Al-Karablieh. RFF Press, Washington, D.C., 2005.

Articles and Comments

"Income Distribution, Value Judgments, and Welfare." *Quarterly Journal of Economics*, Vol. 70, August 1956, pp. 380-424.

"Income Distribution, Value Judgments, and Welfare: A Correction." With P. Kenen. *Quarterly Journal of Economics*, Vol. 71, May 1957, pp. 322-324.

"Negro-White Savings Differentials and the Modigliani-Brumberg Hypothesis." With R. Brown. *Review of Economics and Statistics*, Vol. 40, No. 1, February 1958, pp. 79-81.

"The Mathematical Analysis of Supreme Court Decisions: The Use and Abuse of Quantitative Methods." *American Political Science Review*, Vol. 52, No. 2, June 1958, pp. 321-338; reprinted in Bobbs-Merrill Reprint Series in the Social Sciences.

"Generalization of the Rank and Order Conditions for Identifiability." *Econometrica*, Vol. 27, No. 3, July 1959, pp. 431-447.

"New Developments on the Oligopoly Front: Cournot and the Bain-Sylos Analysis." *Journal of Political Economy*, Vol. 67, No. 4, August 1959, pp. 410-413.

"On the Existence and Linearity of Perfect Predictors in 'Contents Analysis.'" *MULL*, March 1960, pp. 1–9.

"On the Analysis of History and the Interdependence of the Social Sciences." *Philosophy of Science*, Vol. 27, No. 2, April 1960, pp. 147–158.

"The Stability of the Cournot Oligopoly Solution: The Effects of Speeds of Adjustment and Increasing Marginal Costs." *Review of Economic Studies*, Vol. 28, No. 2, February 1961, pp. 125–135.

"How Income Ought to be Distributed: Paradox Lost." With J. Rothenberg. *Journal of Political Economy*, Vol. 69, No. 2, April 1961, pp. 162–180.

"On the Cost of Approximate Specification in Simultaneous Equation Estimation." *Econometrica*, Vol. 29, No. 2, April 1961, pp. 139–170; reprinted in *Essays on the Structure of Social Science Models* and elsewhere.

"Identifiability Criteria in Nonlinear Systems." *Econometrica*, Vol. 29, No. 4, October 1961, pp. 574–590.

"How Income Ought to be Distributed: Paradox Enow." With J. Rothenberg. *Journal of Political Economy*, Vol. 70, No. 1, February 1962, pp. 88–93.

"A Proposal for the Distribution Abroad of the United States' Food Surplus." *Review of Economics and Statistics*, Vol. 44, February 1962, pp. 52–57. "Una Proposta per le Eccedenze Agricole Americane." *Mecurio*, Vol. 6, No. 2, February 1963.

"Two Theorems on Ceteris Paribus in the Analysis of Dynamic Systems." With A. Ando. *American Political Science Review*, Vol. 56, No. 1, March 1962, pp. 108–113; reprinted in H. Blalock, Jr., ed., *Causal Models in the Social Sciences*, New York, Aldine–Atherton, 1971, 1984.

"An Alternate Proof and Extension of Solow's Theorem on Nonnegative Square Matrices." *Econometrica*, Vol. 30, No. 2, April 1962, pp. 349–350.

"The Place of Least Squares in Econometrics: Comment." *Econometrica*, Vol. 30, No. 3, July 1962, pp. 565–567; reprinted in F. Waugh, ed., *Selected Writings on Agricultural Policy and Economic Analysis*, Minneapolis, University of Minnesota Press, 1984.

"The Costs of Automobile Model Changes Since 1949." With Z. Griliches and C. Kaysen. *Journal of Political Economy*, Vol. 70, No. 5, October 1962, pp. 433–451; reprinted in many anthologies.

"Near-Decomposability, Partition and Aggregations and the Relevance of Stability Discussions." With A. Ando. *International Economic Review*, Vol. 4, No. 1, January 1963, pp. 53–67; reprinted in *Essays on the Structure of Social Science Models*.

"Decomposability, Near Decomposability, and Balanced Price Change Under Constant Returns to Scale." *Econometrica*, Vol. 31, No. 1–2, January–April 1963, pp. 67–89; reprinted in *Essays on the Structure of Social Science Models*.

"Uncorrelated Disturbances and Identifiability Criteria." *International Economic Review*, Vol. 4, No. 2, May 1963, pp. 134–152.

"Balanced Growth and Intertemporal Efficiency in Capital Accumulation: Comment." *International Economic Review*, Vol. 4, No. 2, May 1963, pp. 232–234.

"Properties of the von Neumann Ray in Decomposable and Nearly Decomposable Technologies." With A. Ando and H. Simon. Chapter 8 of *Essays on the Structure of Social Science Models*, Cambridge, The M.I.T. Press, 1963.

"Food Surplus Disposal, Price Effects, and the Cost of Agricultural Policies in Underdeveloped Countries: A Theoretical Analysis." Published as: 1) "A Theoretical Analysis of the Impact of Food Surplus Disposal on Agricultural Production in Recipient Countries." *Journal of Farm Economics*, Vol. 45, No. 4, November 1963, pp. 863–875; 2) "Statements by Mr. Franklin M. Fisher." *Annals of Collective Economy*, Vol. 34, Nos. 2–3, April–September 1963, pp. 337–351; and 3) "Vendita Delle Eccedenze Alimentari, Effeti sul Prezzo e Costi delle Politiche Agricole nei Paesi Sottosviluppati." *La Pianificazione in Giappone e Altri Contributi al VI Congresso Internazionale dell'Economia Colletiva*, September 1963, pp. 127–143.

"A Note on Estimation from a Cauchy Sample." With T Rothenberg and C. Tilanus. *Journal of the American Statistical Association*, Vol. 59, June 1964, pp. 460–463.

"Influenze degli Incentivi Economici sulla Perforazione dei Pozzi Esplorativi e sulla Scoperta di Nuovi Giacimenti negli Stati Uniti." *La Scuola in Azione*, June 22, 1964.

"Valutazione degli Effeti della Profondita dei Pozzi e delle Mutazione Tecnologiche sul Costo delle Perforazioni in USA." *La Scuola in Azione*, July 31, 1964.

"Identifiability Criteria in Nonlinear Systems: A Further Note." *Econometrica*, Vol. 33, No. 1, January 1965, pp. 197–205.

"The Choice of Instrumental Variables in the Estimation of Economy–Wide Econometric Models." *International Economic Review*, Vol. 6, No. 3, September 1965, pp. 245–274; reprinted in H. Blalock, Jr., ed., *Causal Models in the Social Sciences*, 2nd Edition, New York, Aldine Publishing Company, 1985, pp. 159–188.

"Dynamic Structure and Estimation in Economy–Wide Econometric Models." Chapter 15 in *The Brookings Quarterly Econometric Model of the United States*, J. Duesenberry et al., eds., Chicago, Rand–McNally Publishing Co., Amsterdam, North–Holland Publishing Co., 1965; also published in *Proceedings of the Study Week*, October 1963; and in "Le Role de L'Analyse Econometrique dans la Formulation de Plans de Developpement." Pontifical Academy of Sciences, Vatican City, 1965, pp. 385–447.

"Price and Output Aggregation in the Brookings Econometric Model." With L. Klein and Y. Shinkai. Chapter 17 in *The Brookings Quarterly Econometric Model of the United States*, J. Duesenberry et al., eds., Chicago, Rand-McNally Publishing Co.; Amsterdam, North-Holland Publishing Co., 1965.

"Near-Identifiability and the Variances of the Disturbance Terms." *Econometrica*, Vol. 33, No. 2, April 1965, pp. 409-419.

"Choice of Units, Column Sums, and Stability in Linear Dynamic Systems with Nonnegative Square Matrices." *Econometrica*, Vol. 33, No. 2, April 1965, pp. 445-450.

"On the Goals of the Firm: Comment." *Quarterly Journal of Economics*, Vol. 79, August 1965, pp. 500-503.

"Embodied Technical Change and the Existence of an Aggregate Capital Stock." *Review of Economic Studies*, Vol. 32, No. 4, October 1965, pp. 263-288.

"Restrictions on the Reduced Form and the Rank and Order Conditions." *International Economic Review*, Vol. 7, No. 1, January 1966, pp. 77-82.

"Community Antenna Television Systems and the Regulation of Television Broadcasting." *American Economic Review*, Vol. 56, No. 2, May 1966, pp. 320-329.

"Community Antenna Television Systems and Local Television Station Audience." With V. Ferrall, Jr., in association with D. Belsley and B. Mitchell. *Quarterly Journal of Economics*, Vol. 80, May 1966, pp. 227-251.

"Cost/Effectiveness of Reenlistment Incentives." With A. Morton and D. Nitzburg. *Navy Manpower Considerations 1970-1980 (U)*, Study 13, Institute for Naval Studies of the Center for Naval Analyses, January-February 1966. (For Official Use Only)

"The Relative Sensitivity to Specification Error of Different k-Class Estimators." *American Statistical Association Journal*, Vol. 61, No. 2, June 1966, pp. 345-356.

"The Costs and Effectiveness of Reenlistment Incentives in the Navy." With A. S. Morton. *Operations Research*, Vol. 15, No. 3, May-June 1967, pp. 373-387.

"Reenlistments in the U.S. Navy: A Cost Effectiveness Study." With A. S. Morton. *American Economic Review*, Vol. 57, No. 2, May 1967, pp. 32-38.

"On the Independent Use of Two or More Sets of Policy Variables." *Journal of Political Economy*, Vol. 75, No. 1, February 1967, pp. 77-85; translation of "Acerca del uso Independiente de Dos o Mas Conjuntos de Variables de la Política Economica." *Latin American Review*, No. 10, April-June 1963.

"Approximate Specification and the Choice of a k-Class Estimator." *Journal of the American Statistical Association*, Vol. 62, December 1967, pp. 1265-1276.

"Statistical Identifiability." *International Encyclopedia of the Social Sciences*, Vol. 15, 1968, pp. 201–206.

"Taste and Quality Change in the Pure Theory of the True Cost-of-Living Index." With K. Shell. *Value, Capital, and Growth: Papers in Honour of Sir John Hicks*. J. N. Wolfe, ed., Edinburgh, University of Edinburgh Press, 1968; reprinted in *Price Indexes and Quality Change*, Z. Griliches, ed., Cambridge, MA, Harvard University Press, 1970; also reprinted in *The Economic Theory of Price Indices*.

"The Educational Opportunity Bank: An Economic Analysis of a Contingent Repayment Loan Program for Higher Education." With K. Shell, D. Foley, and A. Friedlaender. With J. Behr, Jr., S. Fischer, and R. Mosenson. *National Tax Journal*, Vol. 21, No. 1, March 1968, pp. 2–45.

"Embodied Technology and the Existence of Labour and Output Aggregates." *Review of Economic Studies*, Vol. 35, No. 4, October 1968, pp. 391–412.

"Embodied Technology and the Aggregation of Fixed and Movable Capital Goods." *Review of Economic Studies*, Vol. 35, No. 4, October 1968, pp. 417–428.

"An Analysis of Boston Voting Patterns, 1963–1967." With E. Fisher. MIT Department of Economics Working Paper No. 30, October 1968.

"Aspects of Cost-Benefit Analysis in Defence Manpower Planning." *Manpower Research in a Defense Context*, N. Wilson, ed., London: The English Universities Press, Ltd., 1969, pp. 83–104.

"U.S. Experience: The Recent I.N.S. Study." The Sixth Edinburgh Seminar in the Social Sciences, On the Services and Society, Edinburgh, May 1969; *The Armed Services and Society: Alienation, Management, and Integration*. J. Wolfe and J. Erickson, eds., Chicago, Aldine Publishing Co., 1970, pp. 89–103.

"Causation and Specification in Economic Theory and Econometrics." *Synthese*, Vol. 20, 1969, pp. 489–500.

"On the Sensitivity of the Level of Output to Savings: Embodiment and Disembodiment: A Clarificatory Note." With D. Levhari and E. Sheshinski. *Quarterly Journal of Economics*, Vol. 83, No. 2, May 1969, pp. 347–348.

"Approximate Aggregation and the Leontief Conditions." *Econometrica*, Vol. 37, No. 3, July 1969, pp. 457–469.

"The Existence of Aggregate Production Functions." The Irving Fisher Lecture at the Econometric Society Meetings, Amsterdam, September 1968; *Econometrica*, Vol. 37, No. 4, October 1969, pp. 553–577.

"A Correspondence Principle for Simultaneous Equation Models." *Econometrica*, Vol. 38, No. 1, January 1970, pp. 73–92.

"Radical Students and Political Universities." *Boston Globe*, Sunday Magazine Section, March 1, 1970.

"Tests of Equality Between Sets of Coefficients in the Linear Regressions: An Expository Note." *Econometrica*, Vol. 38, No. 2, March 1970, pp. 361–366.

"Regional Specialization and the Supply of Wheat in the United States, 1867–1914." With P. Temin. *Review of Economics and Statistics*, Vol. 52, No. 2, May 1970, pp. 134–149.

"The Choice of Instrumental Variables in the Estimation of Economy–Wide Econometric Models: Some Further Thoughts." With B. Mitchell. *International Economic Review*, Vol. 11, June 1970, pp. 226–234.

"Quasi–Competitive Price Adjustment by Individual Firms: A Preliminary Paper." *Journal of Economic Theory*, Vol. 2, No. 2, June 1970, pp. 195–206.

"Simultaneous Equations Estimation: The State of the Art." *IDA Economic Papers*, July 1970.

"Discussion." *Tax Incentives and Capital Spending*. G. Fromm, ed., Washington, Brookings Institution, 1971; Amsterdam: North–Holland Publishing Co., 1971, pp. 243–255.

"Regional Specialization and the Supply of Wheat in the United States, 1867–1914: A Reply." With P. Temin. *Review of Economics and Statistics*, Vol. 53, No. 1, February 1971, pp. 102–103.

"The Existence of Aggregate Production Functions: Reply." *Econometrica*, Vol. 39, No. 2, March 1971, p. 405.

"Would Increasing Residential Electric Rates Help Preserve Environmental Quality?" With W. Hughes. *Public Utilities Fortnightly*, Vol. 87, No. 7, April 1971, pp. 3–12.

"The Effect of the Removal of the Firemen on Railroad Accidents: 1962–1967." With G. Kraft. *Bell Journal of Economics and Management Sciences*, Vol. 2, No. 2, autumn 1971, pp. 470–494.

"Aggregate Production Functions and the Explanation of Wages: A Simulation Experiment." *Review of Economics and Statistics*, Vol. 53, No. 4, November 1971, pp. 305–325.

"Discussion of Papers in Session I." Board of Governors of the Federal Reserve System and Social Science Research Council, *The Econometrics of Price Determination Conference*, Washington Board of Governors, 1970, pp. 113–115.

"Gross Substitutes and the Utility Function." *Journal of Economic Theory*, Vol. 4, No. 1, February 1972, pp. 82–87.

"On Price Adjustment Without an Auctioneer." *Review of Economic Studies*, Vol. 39, No. 1, January 1972, pp. 1–15.

"The Covariance Matrix of the Limited Information Estimator and the Identification Test: Comment." With J. Kadane. *Econometrica*, Vol. 40, No. 5, September 1972, pp. 901–903.

"A Simple Proof of the Fisher–Fuller Theorem." *Proceedings of the Cambridge Philosophical Society*, Vol. 71, 1972, pp. 523–525.

"An Econometric Simulation Model of Intra–Metropolitan Housing Location: Housing, Business, Transportation and Local Government." With R. Engle III, R. Harris, and J. Rothenberg. *American Economic Review*, Papers and Proceedings Issue, Vol. 62, No. 2, May 1972, pp. 87–97.

"An Econometric Model of the World Copper Industry." With P. Cootner, in association with M. Baily. *Bell Journal of Economics and Management Science*, fall 1972, pp. 568–609.

"Returns to Scale in Research and Development: What Does the Schumpeterian Hypothesis Imply?" With P. Temin. *Journal of Political Economy*, Vol. 81, No. 1, January–February 1973, pp. 56–70.

"Stability and Competitive Equilibrium in Two Models of Search and Individual Price Adjustments." *Journal of Economic Theory*, Vol. 6, No. 5, October 1973, pp. 446–470.

"Technological Change and the Drilling Cost Depth Relationship: 1960–66." *The Energy Question: An International Failure of Policy*, E. Erickson and L. Waverman, eds., Vol. 2, Toronto, University of Toronto Press, 1974.

"The Hahn Process with Firms but No Production." *Econometrica*, Vol. 42, No. 3, May 1974, pp. 471–486.

"Alcoa Revisited: Comment." *Journal of Economic Theory*, Vol. 9, No. 3, November 1974, pp. 357–359.

"A Non–Tatonnement Model with Production and Consumption." *Econometrica*, Vol. 44, No. 5, September 1976, pp. 907–938.

"The Stability of General Equilibrium: Results and Problems." F. Paish Lecture delivered at the AUTE Meetings, Sheffield, U.K., April 1975; *Essays in Economic Analysis, Proceedings of the Association of University Teachers of Economics Annual Conference*, Artis and Nobay, eds., Sheffield, 1975, Cambridge, Cambridge University Press, 1976, pp. 3–29.

"Continuously Dated Commodities and Nontatonnement with Production and Consumption." *Natural Resources, Uncertainty, and General Equilibrium Systems: Essays in Memory of Rafael Lusk*, Blinder and Friedman, eds., New York, Academic Press, 1977, pp. 137–167.

"On Donor Sovereignty and United Charities." *American Economic Review*, Vol. 67, No. 4, September 1977, pp. 632–638.

"On the Feasibility of Identifying the Crime Function in a Simultaneous Model of Crime Rates and Sanction Levels." With D. Nagin. *Deterrence and Incapacitation: Estimating the Effects of Criminal Sanctions on Crime Rates*, A. Blumstein et al., eds., Washington, D.C., National Research Council, National Academy of Sciences, 1978.

"Aggregate Production Functions: Some CES Experiments." With R. Solow and J. Kearl. *Review of Economic Studies*, Vol. 44, No. 2, June 1977, pp. 305–320.

"On the Relations Between Econometric Sectoral and Macro Models." MIT Working Papers No. 215, February 1978. Also delivered at Sogesta Conference, January 1978.

"Quantity Constraints, Spillovers, and the Hahn Process." *Review of Economic Studies*, Vol. 45, No. 1, February 1978, pp. 19–31.

"The Schumpeterian Hypothesis: Reply." With P. Temin. *Journal of Political Economy*, Vol. 87, No. 2, April 1979, pp. 386–389.

"Diagnosing Monopoly." *Quarterly Review of Economics and Business*, Vol. 19, No. 2, summer 1979; *The Journal of Reprints for Antitrust Law and Economics*, Vol. 14, No. 2, 1984, pp. 7–33.

"Advertising and Welfare: Comment." With J. McGowan. *The Bell Journal of Economics*, Vol. 10, No. 2, fall 1979, pp. 726–727.

"Diagnosing Monopoly: Reply." *Quarterly Review of Economics and Business*, Vol. 20, No. 2, summer 1980, pp. 105–106.

"Multiple Regression in Legal Proceedings." *Columbia Law Review*, Vol. 80, No. 4, May 1980, pp. 702–736.

"The Audience–Revenue Relationship for Local Television Stations." With J. McGowan and D. Evans. *The Bell Journal of Economics*, Vol. 11, No. 2, fall 1980.

"The Effect of Simple Specification Error on the Coefficients of 'Unaffected' Variables." *T. C. Liu Memorial Volume*, L. Klein, M. Nerlove, and S. Tsiang, ed., New York, Academic Press, 1980.

"Stability, Disequilibrium Awareness, and the Perception of New Opportunities." Econometric Society 1979 Presidential Address. *Econometrica*, Vol. 49, No. 2, March 1981, pp. 279–317.

"On Perfect Aggregation in the National Output Deflator and Generalized Rybczynski Theorems." *International Economic Review*, Vol. 23, No. 1, February 1982.

"Stability, Disequilibrium Awareness, and the Perception of New Opportunities: Some Corrections." With F. Saldanha. *Econometrica*, Vol. 50, No. 3, May 1982, pp. 781–783.

"Aggregate Production Functions Revisited: The Mobility of Capital and the Rigidity of Thought." *Review of Economic Studies*, Vol. 49, 1982, pp. 615–626.

"On the Simultaneous Existence of Full and Partial Capital Aggregates." *Review of Economic Studies*, Vol. 50, 1983, pp. 197–208.

"On the Misuse of Accounting Rates of Return to Infer Monopoly Profits." With J. McGowan. *American Economic Review*, Vol. 73, No. 1, March 1983, pp. 82–97.

"Empirically Based Sentencing Guidelines and Ethical Considerations." With J. Kadane. *Research on Sentencing: The Search for Reform*, Vol. 2, Washington, D.C., National Research Council, Policy on Sentencing Research, 1983, pp. 184–193.

"The Misuse of Accounting Rates of Return: Reply." *American Economic Review*, Vol. 74, No. 3, June 1984, pp. 509–517.

"The Commodity Pattern of Trade and the Heckscher–Ohlin Theorem in the Presence of Aggregate and Commodity–Specific Factor–Intensity Reversals." With A. Hillman. *Journal of International Economics*, Vol. 17, 1984, pp. 159–172.

"The Social Costs of Monopoly and Regulation: Posner Reconsidered." *Journal of Political Economy*, Vol. 93, No. 2, April 1985.

"The Financial Interest and Syndication Rules in Network Television: Regulatory Fantasy and Reality." *Antitrust and Regulation: Essays in Memory of John J. McGowan*, F. Fisher, ed., Cambridge, MA, MIT Press, 1985.

"Can Exclusive Franchises Be Bad?" *Antitrust and Regulation: Essays in Memory of John J. McGowan*, F. Fisher, ed., Cambridge, MA, MIT Press, 1985, pp. 153–171.

"Statisticians, Econometricians, and Adversary Proceedings." *Journal of the American Statistical Association*, Vol. 81, No. 394, June 1986, pp. 277–286.

"On the Misuse of the Profits–Sales Ratio to Infer Monopoly Power." *The Rand Journal of Economics*, Vol. 18, No. 3, fall 1987, pp. 384–396.

"On Predation and Victimless Crime." *The Antitrust Bulletin*, Vol. 32, No. 1, spring 1987, pp. 85–92.

"Household Equivalence Scales and Interpersonal Comparisons." *Review of Economic Studies*, Vol. 54, pp. 519–524.

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